

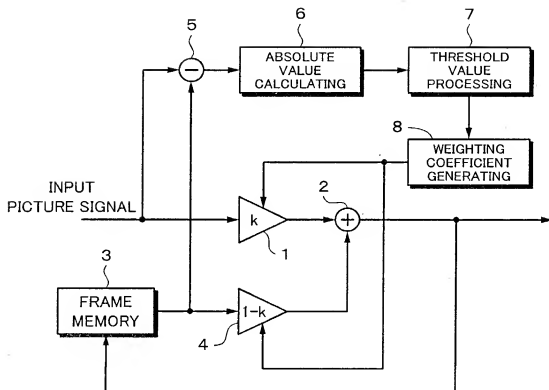
Fig. 1

Fig. 2

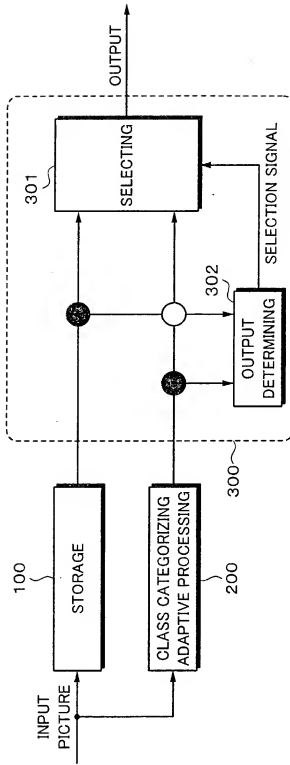


Fig. 3

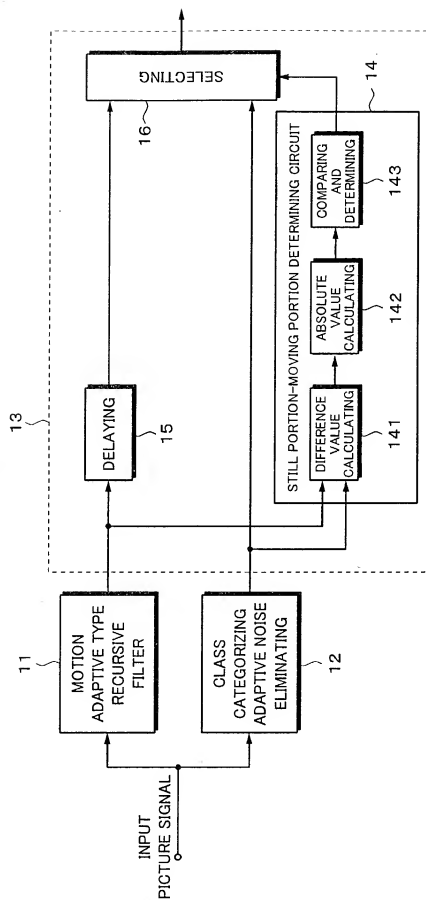


Fig. 4

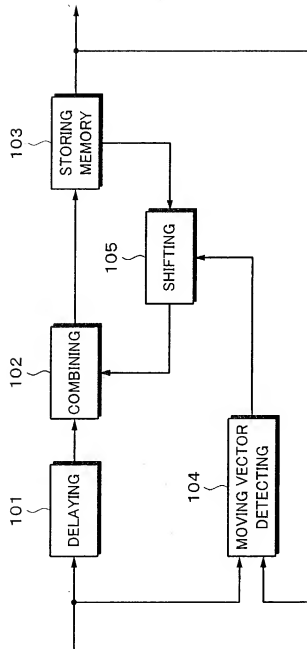


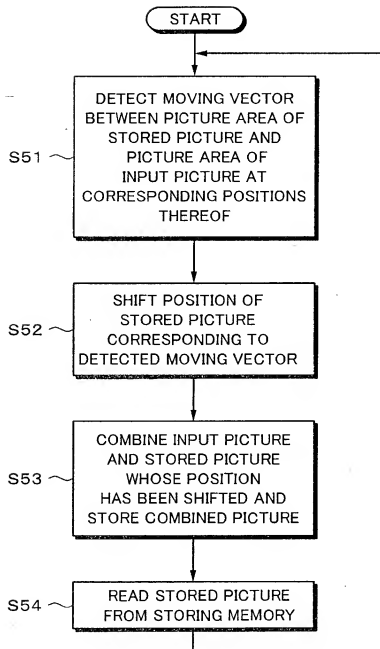
Fig. 5

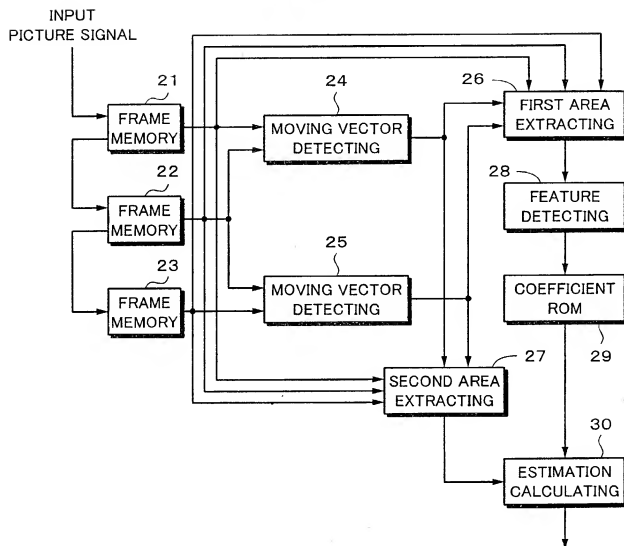
Fig. 6

Fig. 7A



Fig. 7B

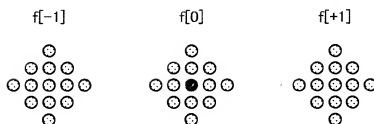


Fig. 7C

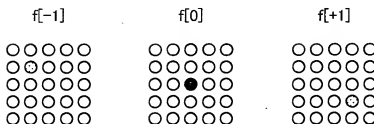


Fig. 7D

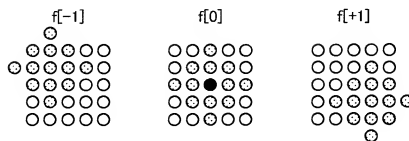


Fig. 7E

$(-1, -1)$	$(0, 0)$	$(1, 1)$
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Fig. 8

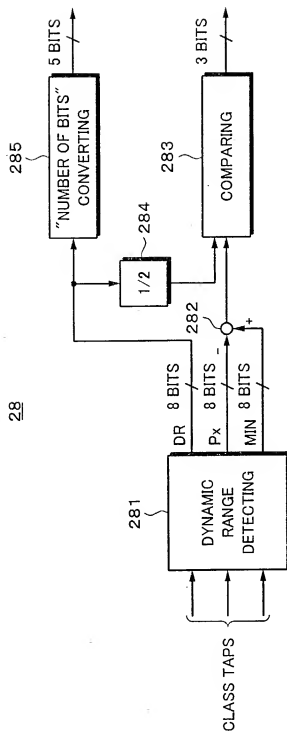


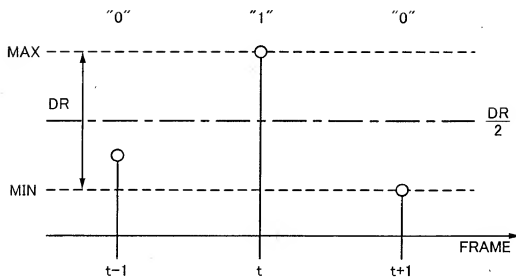
Fig. 9

Fig. 10

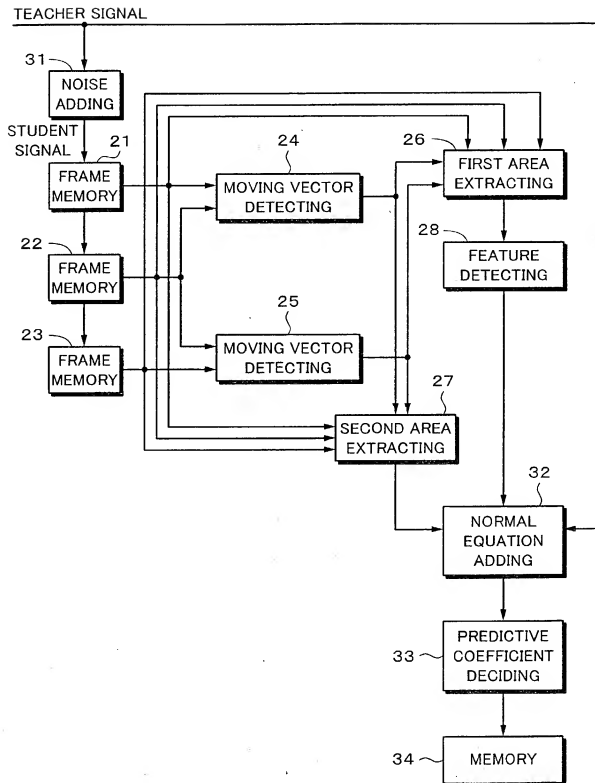


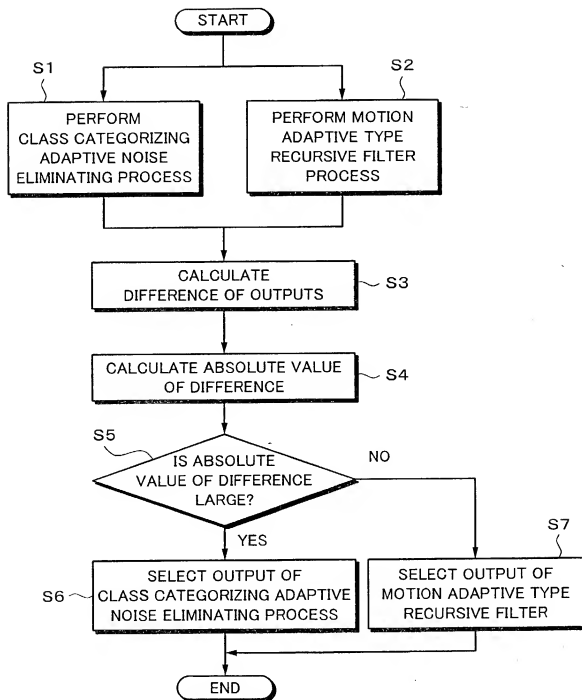
Fig. 11

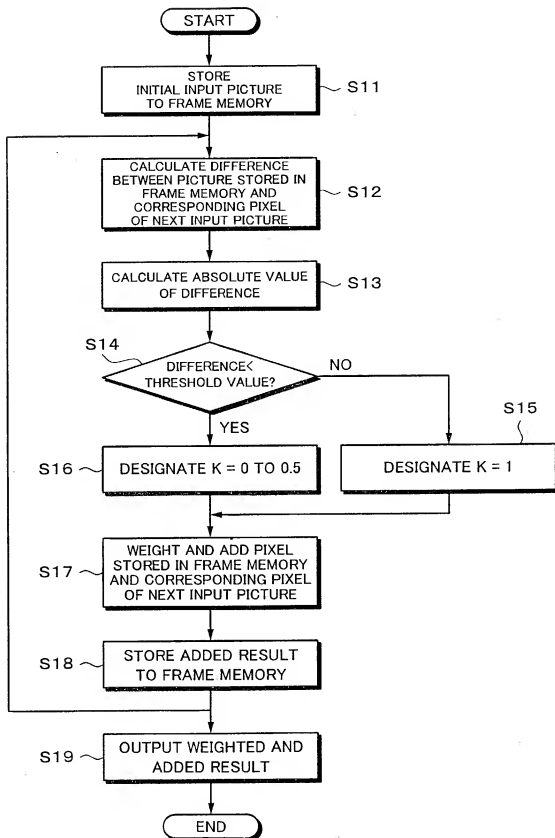
Fig. 12

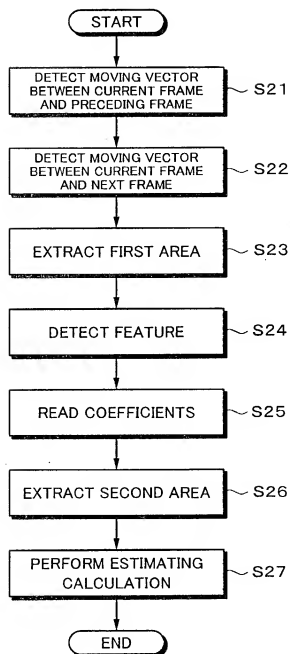
Fig. 13

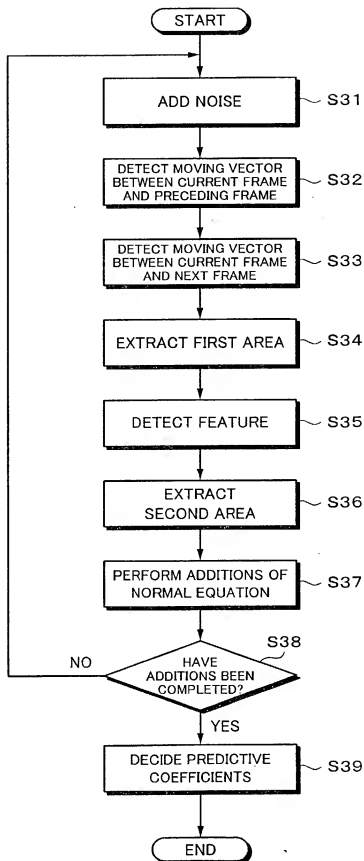
Fig. 14

Fig. 15

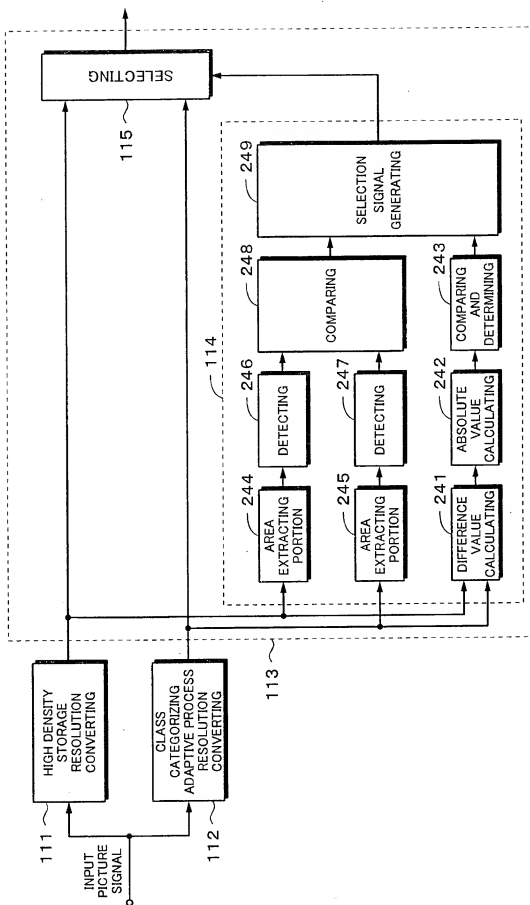


Fig. 16

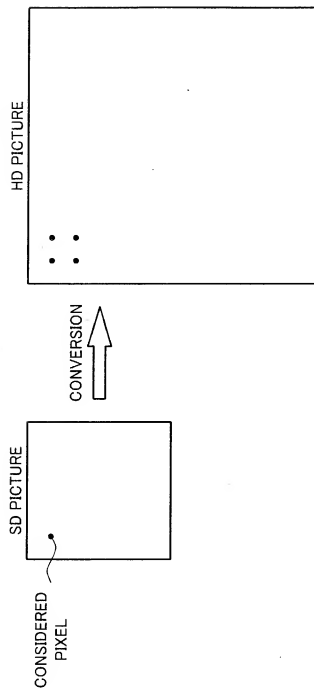


Fig. 17

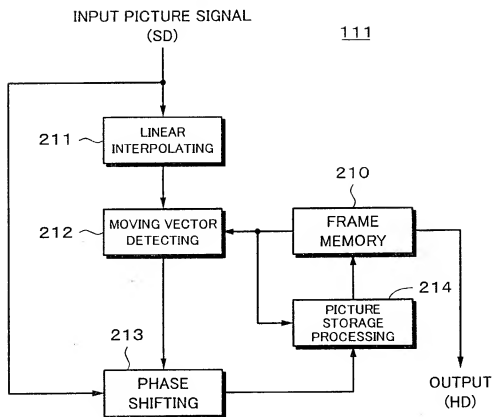


Fig. 18A

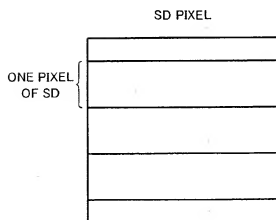


Fig. 18B

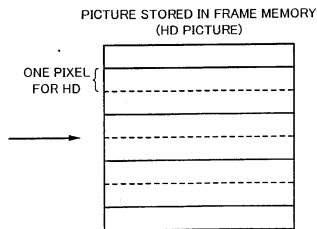


Fig. 19A

Fig. 19B

Fig. 19C

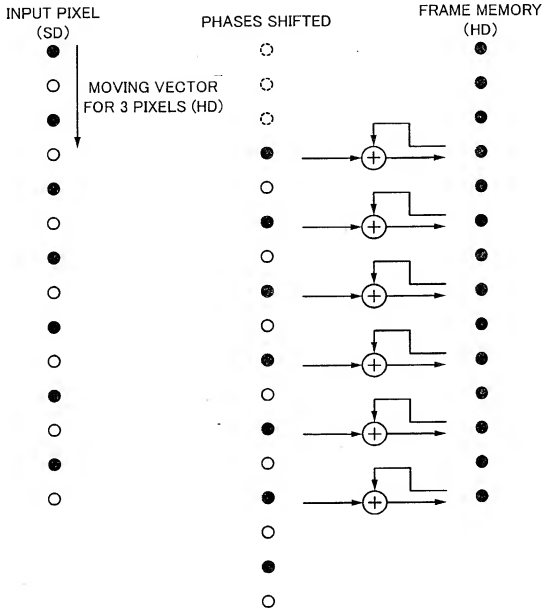


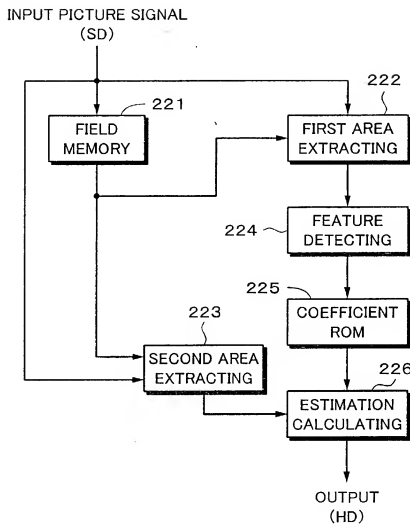
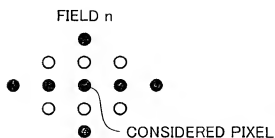
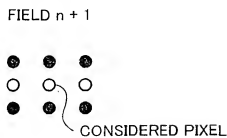
Fig. 20**Fig. 21A****Fig. 21B**

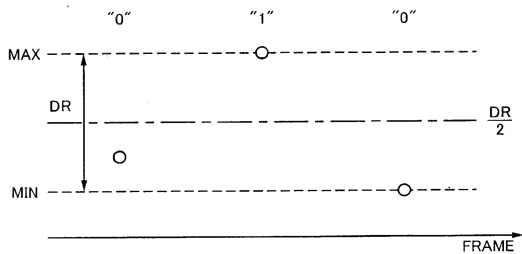
Fig. 23

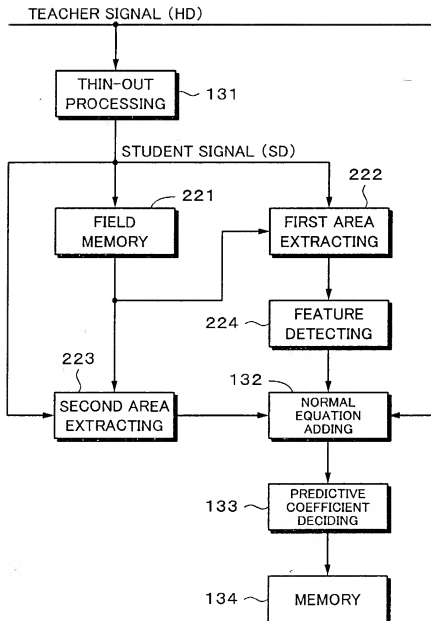
Fig. 24

Fig. 25A

NORMAL OUTPUT OF HD

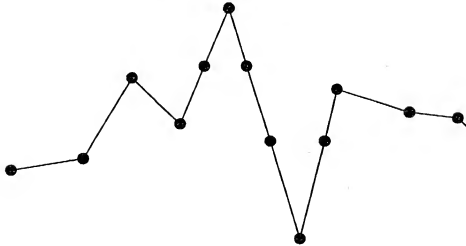


Fig. 25B

OUTPUT OF CLASS CATEGORIZING ADAPTIVE PROCESS

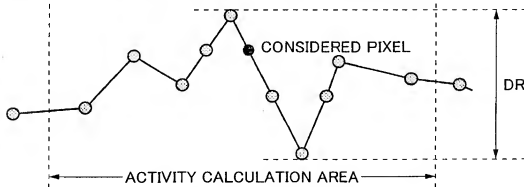


Fig. 25C

OUTPUT BY HIGH DENSITY STORAGE

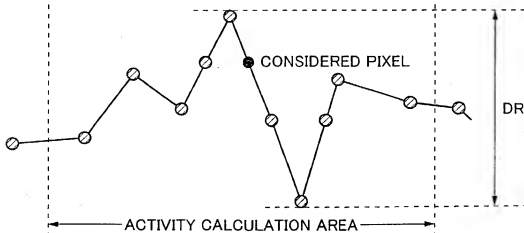


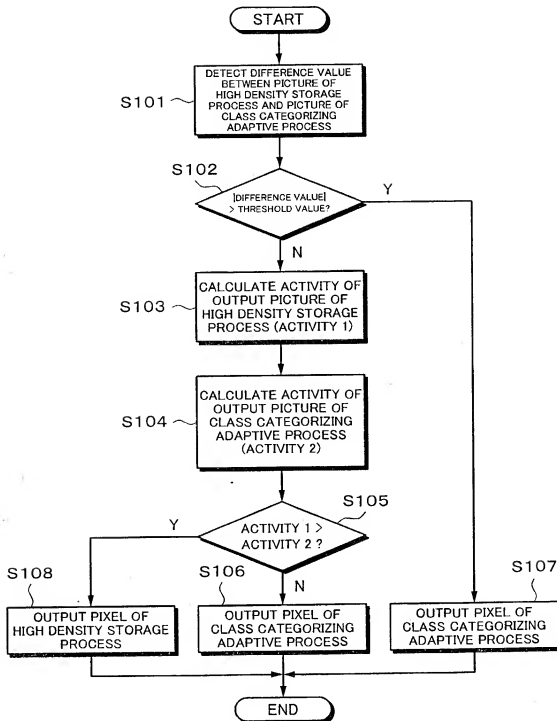
Fig. 26

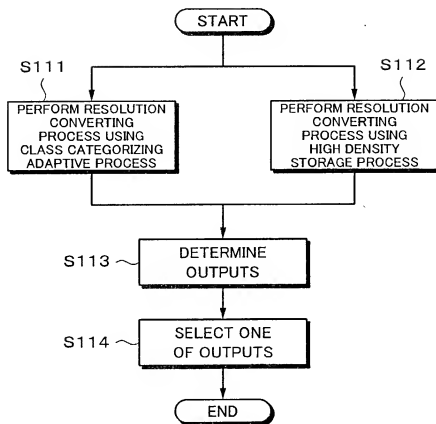
Fig. 27

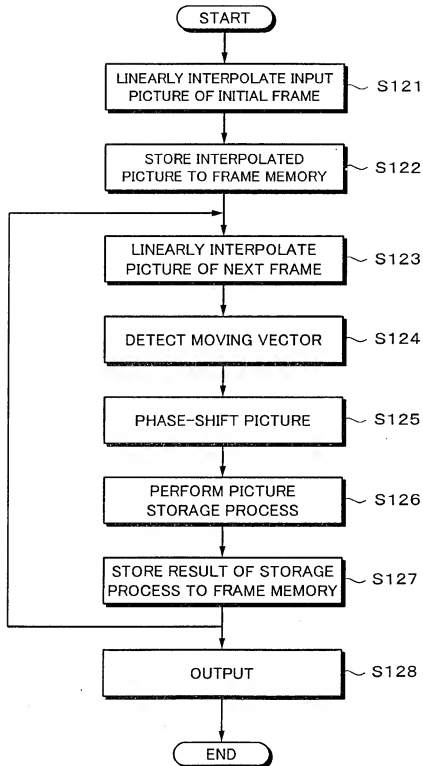
Fig. 28

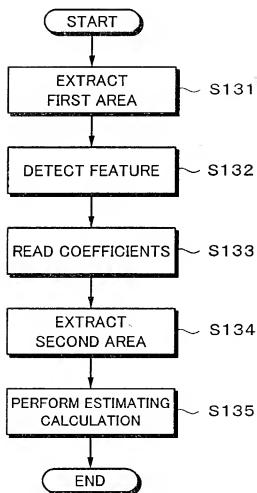
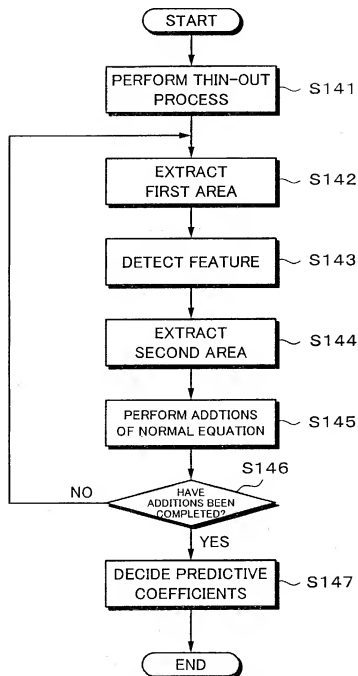
Fig. 29

Fig. 30

DESCRIPTION OF REFERENCE NUMERALS

3 FRAME MEMORY

8 WEIGHTING COEFFICIENT GENERATING CIRCUIT

11 MOTION ADAPTIVE TYPE RECURSIVE FILTER

12 CLASS CATEGORIZING ADAPTIVE NOISE ELIMINATING CIRCUIT

13 OUTPUT SELECTING PORTION

14 STILL PORTION - MOVING PORTION DETERMINING CIRCUIT

100 FIRST SIGNAL PROCESSING PORTION

200 SECOND SIGNAL PROCESSING PORTION

111 HIGH DENSITY STORAGE RESOLUTION CONVERTING CIRCUIT

112 CLASS CATEGORIZING ADAPTIVE PROCESS RESOLUTION CONVERTING CIRCUIT

113 OUTPUT SELECTING PORTION

114 DETERMINING CIRCUIT

210 FRAME MEMORY

212 MOVING VECTOR DETECTING PORTION

213 PHASE SHIFTING PORTION